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American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT
VOL. 69 For Week Ended December 23, 1988 NO. 51

SUMMARY*

(In Thousands of 42-gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 12/23/88	Last Week Ending: 12/16/88	Last Year Week Ending: 12/25/87	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	13,429	13,645	13,339	-216	90
Operable capacity	15,922	15,922	15,697	0	225
Percent operated	84.3	85.7	85.0		
Motor Gasoline					
Total motor gasoline production	7,384	7,388	7,071	-4	313
Finished leaded motor gasoline production	1,235	1,166	1,386	69	-151
Finished unleaded motor gasoline production	6,149	6,222	5,685	-73	464
Total motor gasoline stocks	221,640	224,857	227,354	-3,217	-5,714
Finished leaded motor gasoline stocks	39,407	39,069	52,987	338	-13,580
Finished unleaded motor gasoline stocks	143,501	147,343	136,519	-3,842	6,982
Jet Fuel Kerosine					
Jet fuel kerosine production	1,197	1,258	1,255	-61	-58
Jet fuel kerosine stocks	36,917	37,804	43,281	-887	-6,364
Distillate Fuel Oil					
Distillate fuel oil production	3,196	3,079	3,309	117	-113
Distillate fuel oil stocks	125,243	125,989	131,212	-746	-5,969
Residual Fuel Oil					
Residual fuel oil production	1,002	1,068	1,016	-66	-14
Residual fuel oil stocks	44,407	44,824	47,355	-417	-2,948
Imports					
Crude oil imports	4,557	4,711	4,189	-154	368
Product imports	2,764	2,318	2,020	446	744
Crude Oil Stocks					
Crude oil stocks	338,292	340,338	357,320	-2,046	-19,028
Crude Supply Balance	711				

*See definitions on page 6.

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,495	1,237	1,237	1,380	89.6
Appal. No. 1	111	107	107	107	100.0
DISTRICT 1 TOTAL	1,606	1,344	1,344	1,487	90.4
Ind., Ill., Ky.	2,152	1,967	1,992	2,254	88.4
Minn., Wisc., Daks.	314*	308*	308*	312	98.7*
Okla., Kans., Mo.	740	693	693	718	96.5
DISTRICT 2 TOTAL	3,206*	2,968*	2,993*	3,284	91.1*
Inland Texas	484	449	434	569	76.3
Texas Gulf Coast	3,092	2,831	2,841	3,580	79.4
La. Gulf Coast	2,612	2,400	2,409	2,908	82.8
N. La. and Ark.	190	177	177	252	70.2
New Mexico	73	70	72	76	94.7
DISTRICT 3 TOTAL	6,451	5,927	5,933	7,385	80.3
DISTRICT 4 TOTAL	468	445	445	535	83.2
DISTRICT 5 TOTAL	2,755*	2,668	2,714	3,231	84.0
TOTAL U.S.	14,486	13,352	13,429	15,922	84.3
TOTAL U.S. Weeks Ended:					
DEC. 16, 1988	14,743*	13,585*	13,645*	15,922	85.7*
DEC. 25, 1987	14,484	13,159	13,339	15,697	85.0
DISTRICTS 1-4 Weeks Ended:					
DEC. 23, 1988	11,731	10,684	10,715	12,691	84.4
DEC. 16, 1988	11,932*	10,798*	10,850*	12,691	85.5*
DEC. 25, 1987	11,808	10,583	10,737	12,438	86.3

* See Revisions on Page 7.

API WEEKLY STATISTICAL BULLETIN

Week Ended December 23, 1988

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosene Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	675	60	615	35	54	362	141
Appal. No. 1	46	11	35	--	--	38	2
DISTRICT 1 TOTAL	721	71	650	35	54	400	143
Ind., Ill., Ky.	1,261*	109	1,152*	10	115	478	73
Minn., Wisc., Daks.	180*	31	149*	--	12	75	10
Okla., Kans., Mo.	418	106	312	9	51	187	15
DISTRICT 2 TOTAL	1,859*	246	1,613*	19	178	740	98
Inland Texas	356	89	267	24	30	134	17
Texas Gulf Coast	1,713	211	1,502	23	245	694	246
La. Gulf Coast	1,117	210	907	25	301	582	97
N. La. and Ark.	54	14	40	9	--	56	9
New Mexico	44	15	29	6	1	20	--
DISTRICT 3 TOTAL	3,284	539	2,745	87	577	1,486	369
DISTRICT 4 TOTAL	240	68	172	12	28	116	10
DISTRICT 5 TOTAL	1,280*	311	969*	57	360	454	382
TOTAL U.S.	7,384	1,235	6,149	210	1,197	3,196	1,002
TOTAL U.S. Weeks Ended:							
DEC. 16, 1988	7,388*	1,166	6,222*	220	1,258	3,079	1,068
DEC. 25, 1987	7,071	1,386	5,685	173	1,255	3,309	1,016
DISTRICTS 1-4 Weeks Ended:							
DEC. 23, 1988	6,104	924	5,180	153	837	2,742	620
DEC. 16, 1988	6,055*	847	5,208*	133	903	2,624	679
DEC. 25, 1987	5,908	1,107	4,801	135	912	2,868	613

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

API WEEKLY STATISTICAL BULLETIN

Week Ended December 23, 1988

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	3,280	199	3,080	1	135	422	6,205	968	--
Central Atlantic	27,737	3,103	20,293	4,341	656	4,041	30,242	16,310	12,815
Lower Atlantic	27,967	5,171	22,584	212	354	4,697	16,071	2,155	396
DISTRICT 1 TOTAL	58,984	8,473	45,957	4,554	1,145	9,160	52,518	19,433	13,211
DISTRICT 2 TOTAL	59,963	12,217	40,187	7,559	825	7,393	28,697	2,932	15,569*
DISTRICT 3 TOTAL	64,400	10,162	38,315	15,923	2,004	12,226	28,333	13,439	48,870
DISTRICT 4 TOTAL	7,114	2,056	2,952	2,106	370	742	2,569	651	1,844
DISTRICT 5 TOTAL	31,179*	6,499	16,090	8,590*	1,975	7,396	13,126	7,952	24,432*
TOTAL U.S.	221,640	39,407	143,501	38,732	6,319	36,917	125,243	44,407	103,926
TOTAL U.S. Weeks Ended:									
DEC. 16, 1988	224,857*	39,069	147,343	38,445*	6,290	37,804	125,989	44,824	106,292*
DEC. 25, 1987	227,354	52,987	136,519	37,848	6,811	43,281	131,212	47,355	95,081
DISTRICTS 1-4 Weeks Ended:									
DEC. 23, 1988	190,461	32,908	127,411	30,142	4,344	29,521	112,117	36,455	79,494
DEC. 16, 1988	194,220	32,767	131,246	30,207	4,339	30,760	113,336	36,814	80,832*
DEC. 25, 1987	198,527	46,107	122,666	29,754	5,205	36,058	119,961	38,380	72,139

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

WEEKLY STATISTICAL BULLETIN
Week Ended December 23, 1988

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS, CRUDE OIL SUPPLY BALANCE AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy July 1988	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
DEC. 23, 1988	4,856.0	4,967.0	4,385	607	256,587
DEC. 16, 1988	4,856.0	--	4,482	713*	260,115*
DEC. 9, 1988	4,856.0	--	6,212	652	261,639
DEC. 2, 1988	4,902.0	--	5,083	721	255,447
DISTRICT 5 TOTAL					
DEC. 23, 1988	3,108.0	3,027.0	172	24	81,705 #
DEC. 16, 1988	3,108.0	--	229	15	80,223*
DEC. 9, 1988	3,108.0	--	215	14	82,426
DEC. 2, 1988	3,134.0	--	252	16	82,795
TOTAL U.S.					
DEC. 23, 1988	7,964.0	7,994.0	4,557	631	338,292 #
DEC. 16, 1988	7,964.0	--	4,711	728*	340,338*
DEC. 9, 1988	7,964.0	--	6,427	666	344,065
DEC. 2, 1988	8,036.0	--	5,335	737	338,242
DEC. 25, 1987	8,318.0 a/	--	4,189	351	357,320

#INCLUDES 27,451 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

a/ DOE actual for December 1987.

DAILY AVERAGE CRUDE OIL SUPPLY BALANCE[1] (In thousands of 42-gallon barrels)

Week Ended:	Current	1987 Averages Absolute	1987 Averages Positive	1987 Averages Negative
DEC. 23, 1988	711	468	550	-334

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
DEC. 23, 1988	15,218	71,885	157,657	11,827	256,587	81,705 #	338,292 #
DEC. 16, 1988	16,152	71,197*	160,976	11,790	260,115*	80,223*	340,338*
DEC. 25, 1987	16,388	72,768	167,843	12,583	269,582	87,738	357,320

[1]See definitional notes, Page 6.

* See Revisions on Page 7.

IMPORTS OF PETROLEUM PRODUCTS
(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Gasoline[2] Blending Components	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[3]	Residual Fuel Oil	L.P.G.	Unfinished Oils	Other	Total
New England	147	--	147	--	--	--	104	252	6	--	--	509
Central Atlantic	202	--	202	34	--	70	213	791	15	89	25	1,439
Lower Atlantic	--	--	--	--	--	--	--	211	--	--	3	214
DISTRICT 1 TOTAL												
DEC. 23, 1988	349	--	349	34	--	70	317	1,254	21	89	28	2,162
DEC. 16, 1988	257	7	250	24	--	41	293	707	32	213	128	1,695
DEC. 9, 1988	465	14	451	109	--	42	553	1,033	77	130	125	2,534
DEC. 2, 1988	490	5	485	21	--	54	335	621	42	145	75	1,783
DISTRICTS 2-4 TOTAL												
DEC. 23, 1988	11	--	11	3	3	11	5	30	120	106	232	521
DEC. 16, 1988	6	--	6	6	3	6	8	18	188	168	161	564
DEC. 9, 1988	47	--	47	--	3	7	10	24	164	92	38	385
DEC. 2, 1988	28	--	28	--	3	8	12	26	271	154	225	727
DISTRICT 5 TOTAL												
DEC. 23, 1988	29	--	29	--	--	20	4	17	6	--	5	81
DEC. 16, 1988	16	--	16	--	--	11	4	10	18	--	--	59
DEC. 9, 1988	28	--	28	--	--	11	6	14	31	--	65	155
DEC. 2, 1988	38	--	38	--	--	13	4	14	13	--	--	82
TOTAL U.S.	389	--	389	37	3	101	326	1,301	147	195	265	2,764
TOTAL U.S. Weeks Ended:												
DEC. 16, 1988	279	7	272	30	3	58	305	735	238	381	289	2,318
DEC. 9, 1988	540	14	526	109	3	60	569	1,071	272	222	228	3,074
DEC. 2, 1988	556	5	551	21	3	75	351	661	326	299	300	2,592
DEC. 25, 1987	396	49	347	55	4	44	465	360	247	337	112	2,020

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.
[2]Gasoline blending components are not included in total motor gasoline imports.
[3]Includes Grade No. 4 fuel oil.

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.
Reported on a Port of Entry basis.
The Total of crude oil imports includes those from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Crude Supply Balance

Crude Supply Balance is the arithmetic difference, expressed in MB/D, between those factors that make up the availability of crude oil (Supply), i.e., estimated domestic crude oil production plus imports plus or minus the change in crude oil stocks, and those factors that convert or consume crude oil (Disposition), i.e., crude oil refinery inputs, exports, product supplied (used directly as fuel) and losses. A negative volume indicates a supply greater than disposition while a positive number indicates insufficient supply to balance.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but included shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorous per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Finance, Accounting and Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE, Petroleum Supply Annual.

REVISIONS

12/09/88	PAGE 1	TOTAL REFINERY INPUT	DISTRICT 5 TOTAL	2,771
			TOTAL U.S.	14,503
	PAGE 2	TOTAL MGAS	DISTRICT 5 TOTAL	1,211
			TOTAL U.S.	7,123
		UNLEADED MGAS	DISTRICT 5 TOTAL	906
			TOTAL U.S.	5,957
	PAGE 3	TOTAL MGAS	DISTRICT 5 TOTAL	30,810
			TOTAL U.S.	222,763
		BLENDING COMPS	DISTRICT 5 TOTAL	8,598
			TOTAL U.S.	38,088
		UNFINISHED OILS	DISTRICT 5 TOTAL	26,041
			TOTAL U.S.	108,270
12/16/88	PAGE 1	TOTAL REFINERY INPUT	MINN., WIS., DAKS.	311
			DISTRICT 2 TOTAL	3,277
			DISTRICT 5 TOTAL	2,811
			TOTAL U.S.	14,743
			DISTRICTS 1-4	11,932
		CRUDE OIL RUNS	MINN., WIS., DAKS.	306
			DISTRICT 2 TOTAL	2,997
			TOTAL U.S.	13,585
			DISTRICTS 1-4	10,798
		INPUT TO CRUDE OIL	MINN., WIS., DAKS.	307
			DISTRICT 2 TOTAL	3,018
			TOTAL U.S.	13,645
			DISTRICTS 1-4	10,850
		% OPERABLE	MINN., WIS., DAKS.	98.4
			DISTRICT 2 TOTAL	91.9
			TOTAL U.S.	85.7
			DISTRICTS 1-4	85.5
	PAGE 2	TOTAL MGAS	IND., ILL., KY	1,222
			MINN., WIS., DAKS.	178
			DISTRICT 2 TOTAL	1,806
			DISTRICT 5 TOTAL	1,333
			TOTAL U.S.	7,388
			DISTRICTS 1-4	6,055
		UNLEADED MGAS	IND., ILL., KY	1,101
			MINN., WIS., DAKS.	144
			DISTRICT 2 TOTAL	1,550
			DISTRICT 5 TOTAL	1,014
			TOTAL U.S.	6,222
			DISTRICTS 1-4	5,208
	PAGE 3	TOTAL MGAS	DISTRICT 5 TOTAL	30,637
			TOTAL U.S.	224,857
		BLENDING COMPS	DISTRICT 5 TOTAL	8,238
			TOTAL U.S.	38,445

API STATISTICAL BULLETIN
WEEK ENDED: DEC. 23, 1988

REVISIONS

	UNFINISHED OILS	DISTRICT 2 TOTAL	16,034
		DISTRICT 5 TOTAL	25,460
		TOTAL U.S.	106,292
		DISTRICTS 1-4	80,832
PAGE 4 T	CANADIAN CRUDE OIL	DISTRICTS 1-4 TOTAL	713
		TOTAL U.S.	728
	CRUDE OIL STOCKS	DISTRICTS 1-4 TOTAL	260,115
		DISTRICT 5 TOTAL	80,223
		TOTAL U.S.	340,338
PAGE 4 B	TOTAL	PAD DISTRICT 2	71,197
		TOTAL PAD DISTRICTS 1-4	260,115
		PAD DISTRICT 5	80,223
		TOTAL U.S.	340,338